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<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	713128.113
		Application Number	
Title of Invention	METHOD AND DEVICE FOR DETECTING DIRECTION OF MEMBER HAVING OUTER PERIPHERY FORMED IN VERTICALLY ASYMMETRICAL SHAPE		
<p>The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.</p> <p>This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.</p>			

**Secrecy Order 37 CFR 5.2**

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

**Applicant Information:**

<b>Applicant 1</b>					<a href="#">Remove</a>
<b>Applicant Authority</b>		<input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117	<input type="radio"/> Party of Interest under 35 U.S.C. 118
<b>Prefix</b>	<b>Given Name</b>	<b>Middle Name</b>	<b>Family Name</b>		<b>Suffix</b>
	Hiroyuki		Oya		
<b>Residence Information (Select One)</b> <input type="radio"/> US Residency <input checked="" type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
<b>City</b>	Kashiwazaki-shi	<b>Country Of Residence<sup>i</sup></b>	JP		
<b>Citizenship under 37 CFR 1.41(b)<sup>i</sup></b>		JP			
<b>Mailing Address of Applicant:</b>					
<b>Address 1</b>		c/o Kabushiki Kaisha Riken, Kashiwazaki Plant,			
<b>Address 2</b>		1-37, Hokuto-cho			
<b>City</b>	Kashiwazaki-shi	<b>State/Province</b>			
<b>Postal Code</b>	9458555	<b>Country<sup>i</sup></b>	JP		
<b>Applicant 2</b>					<a href="#">Remove</a>
<b>Applicant Authority</b>		<input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117	<input type="radio"/> Party of Interest under 35 U.S.C. 118
<b>Prefix</b>	<b>Given Name</b>	<b>Middle Name</b>	<b>Family Name</b>		<b>Suffix</b>
	Ryoji		Usui		
<b>Residence Information (Select One)</b> <input type="radio"/> US Residency <input checked="" type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
<b>City</b>	Kashiwazaki-shi	<b>Country Of Residence<sup>i</sup></b>	JP		
<b>Citizenship under 37 CFR 1.41(b)<sup>i</sup></b>		JP			
<b>Mailing Address of Applicant:</b>					
<b>Address 1</b>		c/o Kabushiki Kaisha Riken, Kashiwazaki Plant,			
<b>Address 2</b>		1-37, Hokuto-cho			
<b>City</b>	Kashiwazaki-shi	<b>State/Province</b>			
<b>Postal Code</b>	9458555	<b>Country<sup>i</sup></b>	JP		
<b>Applicant 3</b>					<a href="#">Remove</a>
<b>Applicant Authority</b>		<input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117	<input type="radio"/> Party of Interest under 35 U.S.C. 118
<b>Prefix</b>	<b>Given Name</b>	<b>Middle Name</b>	<b>Family Name</b>		<b>Suffix</b>
	Hajime		Tanabe		
<b>Residence Information (Select One)</b> <input type="radio"/> US Residency <input checked="" type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
<b>City</b>	Kashiwazaki-shi	<b>Country Of Residence<sup>i</sup></b>	JP		

<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number		713128.113	
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Citizenship under 37 CFR 1.41(b) i		JP			
Mailing Address of Applicant:					
Address 1		c/o Kabushiki Kaisha Riken, Kashiwazaki Plant,			
Address 2		1-37, Hokuto-cho			
City	Kashiwazaki-shi		State/Province		
Postal Code	9458555		Country <sup>i</sup>	JP	
Applicant 4					<a href="#">Remove</a>
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name		Suffix
	Koei		Watanabe		
Residence Information (Select One) <input type="radio"/> US Residency <input checked="" type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
City	Joetsu-shi		Country Of Residence <sup>i</sup>		JP
Citizenship under 37 CFR 1.41(b) i		JP			
Mailing Address of Applicant:					
Address 1		c/o Kabushiki Kaisha Riken, Kashiwazaki Plant,			
Address 2		1-37, Hokuto-cho			
City	Kashiwazaki-shi		State/Province		
Postal Code	9458555		Country <sup>i</sup>	JP	
Applicant 5					<a href="#">Remove</a>
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name		Suffix
	Mitsuyasu		Fukusawa		
Residence Information (Select One) <input type="radio"/> US Residency <input checked="" type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
City	Nyuzen-machi		Country Of Residence <sup>i</sup>		JP
Citizenship under 37 CFR 1.41(b) i		JP			
Mailing Address of Applicant:					
Address 1		128, Fukujimashin, Nyuzen-machi			
Address 2					
City	Shimoniikawa-gun		State/Province		
Postal Code	9390644		Country <sup>i</sup>	JP	
Applicant 6					<a href="#">Remove</a>
Applicant Authority <input checked="" type="radio"/> Inventor		<input type="radio"/> Legal Representative under 35 U.S.C. 117		<input type="radio"/> Party of Interest under 35 U.S.C. 118	
Prefix	Given Name	Middle Name	Family Name		Suffix
	Osamu		Watanabe		
Residence Information (Select One) <input type="radio"/> US Residency <input checked="" type="radio"/> Non US Residency <input type="radio"/> Active US Military Service					
City	Kurobe-shi		Country Of Residence <sup>i</sup>		JP
Citizenship under 37 CFR 1.41(b) i		JP			

<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	713128.113
		Application Number	
Title of Invention	METHOD AND DEVICE FOR DETECTING DIRECTION OF MEMBER HAVING OUTER PERIPHERY FORMED IN VERTICALLY ASYMMETRICAL SHAPE		

<b>Mailing Address of Applicant:</b>			
Address 1		9-11, Ueki	
Address 2			
City	Kurobe-shi	State/Province	
Postal Code	938-0014	Country <sup>i</sup>	JP
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the <b>Add</b> button.			<input type="button" value="Add"/>

## Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).			
<input type="checkbox"/> An Address is being provided for the correspondence Information of this application.			
Customer Number	27128		
Email Address		<input type="button" value="Add Email"/>	<input type="button" value="Remove Email"/>

## Application Information:

Title of the Invention	METHOD AND DEVICE FOR DETECTING DIRECTION OF MEMBER HAVING OUTER PERIPHERY FORMED IN VERTICALLY ASYMMETRICAL SHAPE		
Attorney Docket Number	713128.113	Small Entity Status Claimed <input type="checkbox"/>	
Application Type	Nonprovisional		
Subject Matter	Utility		
Suggested Class (if any)		Sub Class (if any)	
Suggested Technology Center (if any)			
Total Number of Drawing Sheets (if any)		Suggested Figure for Publication (if any)	1
<b>Publication Information:</b>			
<input type="checkbox"/> Request Early Publication (Fee required at time of Request 37 CFR 1.219)			
<input type="checkbox"/> Request Not to Publish. I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application has not been and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.			

## Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Enter either Customer Number or complete the Representative Name section below. If both sections are completed the Customer Number will be used for the Representative Information during processing.			
Please Select One:	<input checked="" type="radio"/> Customer Number	<input type="radio"/> US Patent Practitioner	<input type="radio"/> US Representative (37 CFR 11.9)
Customer Number	27128		

<b>Application Data Sheet 37 CFR 1.76</b>		Attorney Docket Number	713128.113
		Application Number	
Title of Invention	METHOD AND DEVICE FOR DETECTING DIRECTION OF MEMBER HAVING OUTER PERIPHERY FORMED IN VERTICALLY ASYMMETRICAL SHAPE		

## Domestic Priority Information:

This section allows for the applicant to claim benefit under 35 U.S.C. 119(e), 120, 121, or 365(c). Providing this information in the application data sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78(a)(2) or CFR 1.78(a)(4), and need not otherwise be made part of the specification.

Prior Application Status	Pending	<a href="#">Remove</a>	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)
	a 371 of international	PCT/JP2004/017565	2004-11-26
Additional Domestic Priority Data may be generated within this form by selecting the <b>Add</b> button.			<a href="#">Add</a>

## Foreign Priority Information:

This section allows for the applicant to claim benefit of foreign priority and to identify any prior foreign application for which priority is not claimed. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55(a).

<a href="#">Remove</a>			
Application Number	Country <sup>i</sup>	Parent Filing Date (YYYY-MM-DD)	Priority Claimed
2004-017264	JP	2004-01-26	<input checked="" type="radio"/> Yes <input type="radio"/> No
Additional Foreign Priority Data may be generated within this form by selecting the <b>Add</b> button.			<a href="#">Add</a>

## Assignee Information:

Providing this information in the application data sheet does not substitute for compliance with any requirement of part 3 of Title 37 of the CFR to have an assignment recorded in the Office.

<b>Assignee 1</b>	<a href="#">Remove</a>		
If the Assignee is an Organization check here. <input checked="" type="checkbox"/>			
Organization Name	Kabushiki Kaisha Riken		
<b>Mailing Address Information:</b>			
Address 1	13-5, Kudankita 1-chome		
Address 2	Chiyoda-ku		
City	Tokyo	State/Province	
Country <sup>i</sup>	JP	Postal Code	102-8202
Phone Number		Fax Number	
Email Address			
<b>Assignee 2</b>	<a href="#">Remove</a>		
If the Assignee is an Organization check here. <input checked="" type="checkbox"/>			
Organization Name	YKK Corporation		

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		Application Number	
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<b>Mailing Address Information:</b>			
Address 1		1, Kanda Izumi-cho, Chiyoda-ku	
Address 2			
City	Tokyo	State/Province	
Country i	JP	Postal Code	101-8642
Phone Number		Fax Number	
Email Address			
Additional Assignee Data may be generated within this form by selecting the <b>Add</b> button.			

Add

**Signature:**

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the form of the signature.					
Signature	/Samuel Digirolamo/			Date (YYYY-MM-DD)	2006-07-25
First Name	Samuel	Last Name	Digirolamo	Registration Number	29915

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.